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## **NATIONAL SCIENCE FOUNDATION**

### **Proposal Review Panel for Materials Research; Notice of Meeting**

In accordance with the Federal Advisory Committee Act (Pub., L. 92-463, as amended), the National Science Foundation (NSF) announces the following meeting:

**NAME AND COMMITTEE CODE:** Proposal Review Panel for Materials Research—STC Center for Integrated Quantum Materials (CIQM), Massachusetts Institute of Technology (#1203) **Site Visit.**

**DATE AND TIME:** May 7, 2019, 6:30 PM to 9:00 PM

May 8, 2019, 7:20 AM to 7:00 PM

May 9, 2019; 7:30 AM to 3:30 PM

**PLACE:** Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02138

**TYPE OF MEETING:** Part-open

**CONTACT PERSON:** Dr. Tomasz Durakiewicz, Program Director, Condensed Matter Physics (CMP). Division of Materials Research, Room E 9344, National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA 22314; Telephone (703) 292-4892.

**PURPOSE OF MEETING:** NSF site visit to provide advice and recommendations concerning further NSF support for the Center.

### **AGENDA:**

#### **May 7, 2019**

6:30 pm – 9:00 pm Review Panel members meeting and orientation **(Closed)**

#### **May 8, 2019**

7:20 am – 8:00 am Light Breakfast with NSF Review Panel

8:00 am - 8:50 am Directors Overview – Bob Westervelt, Naomi Brave **(Closed)**

8:50 am - 9:00 am Discussion **(Closed)**

9:00 am – 9:35 am Research Area 1: Novel vdW Heterostructures – Philip Kim

9:35 am – 9:45 am Discussion

9:45 am – 10:20 am Research Area 2: Discovery of New TI Crystals - Joseph Checkelsky

10:20 am – 10:30 am Discussion

10:30 am – 10:45 am Break

10:45 am – 11:20 am Research Area 3: Topologically Protected Qubits – Amir Yacoby

11:20 am – 11:30 am Discussion

11:30 am – 12:05 pm Research Area 4: Quantum Networks – Marko Loncar

12:05 pm – 12:15 pm Discussion

12:15 pm – 12:40 pm Executive Session for Site Visit Team and NSF **(Closed)**

12:40 pm – 1:40 pm Lunch – Site Visit Team with Students and Postdocs **(Closed)**

1:40 pm – 2:10 pm Education & Outreach, and the CIQM Education Supplement:  
Tina Brower-Thomas

2:10 pm – 2:20 pm Diversity Plan: Steven Richardson

2:20 pm – 2:30 pm Discussion

2:30 pm – 2:50 pm Science Communication, and the Quantum Matters Competition  
Supplement: Carol Lynn Alpert

2:50 pm – 3:00 pm Discussion

3:00 pm – 3:20 pm ALS Clear Supplement: Jeanne Reis, Mandy Houghton

3:20 pm – 3:30 pm Discussion

3:30 pm – 3:50 pm Knowledge Transfer, Industrial and Other Collaborations – Tomas  
Palacios

3:50 pm – 4:00 pm Discussion

4:00 pm – 5:00 pm Poster Session

5:00 pm – 6:30 pm Executive Session Site Visit Team and NSF: Prepare Questions **(Closed)**

6:30 pm – 6:45 pm Site Visit Team Meets with Director and Executive Committee **(Closed)**

7:00 pm Working Dinner for All CIQM Faculty & Staff

**May 9, 2019**

7:30 am – 8:00 am Light Breakfast

8:00am – 10:00 am Executive Session - Director's Response (CIQM Executive Committee)  
**(Closed)**

10:00 am – 10:10 am Break

10:10 am – 11:00am Executive Session of Site Visit Team **(Closed)**

11:00 am – 12:00 pm Meeting with Administrators Only (no PIs) /Institutional Support **(Closed)**

12:00 pm – 3:00 pm Site Review Team prepares Site Visit Report - Working lunch **(Closed)**

3:00 pm – 3:30 pm Debriefing with STC Director and Executive Committee **(Closed)**

Dated: March 27, 2019.

**Crystal Robinson,**

*Committee Management Officer.*

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